CLAIMS

1. An optical disk comprising:

a substrate including a biodegradable resin or polyolefin resin; and

a recording layer provided on both sides of the substrate;

wherein the recording layer has a base material layer included a non-hydrophilic film.

2. An optical disk comprising:

a substrate including a biodegradable resin or polyolefin resin;

a recording layer provided on one side of the substrate; and

a printing layer provided on the opposite side of the side of the substrate on which the recording layer is provided;

wherein the recording layer and the printing layer have a base material layer included a non-hydrophilic film.

3. An optical disk according to claim 1, further comprising:

a protective layer for protecting the recording layer.

4. An optical disk according to claim 2, further comprising:

a protective layer for protecting the recording layer.

5. An optical disk according to any of claims 1 through 4, further comprising:

a release layer provided between the substrate and the recording layer.

6. An optical disk according to claim 2, further comprising:

a release layer provided between the substrate and the printing layer.

7. A manufacturing method of an optical disk comprising the steps of:

a recording layer sheet fabrication step in which a recording layer sheet is fabricated by forming tracks on a recording layer base material included a non-hydrophilic film; and

a recording layer sheet lamination step in which a recording layer included the recording layer sheet is provided on both sides of a substrate included a biodegradable resin or polyolefin resin by laminating the recording layer sheet with a substrate sheet included a biodegradable resin or polyolefin resin.

8. A manufacturing method of an optical disk comprising the steps of:

a recording layer sheet fabrication step in which a recording layer sheet is fabricated by forming tracks on a recording layer base material included a non-hydrophilic film;

a printing sheet fabrication step in which a printing sheet is fabricated by carrying out printing on a printing base material included a non-hydrophilic film;

a recording layer sheet lamination step in which a recording layer included the recording layer sheet is provided on a substrate included a biodegradable resin or polyolefin resin by laminating the recording layer sheet with a substrate sheet included a biodegradable resin or polyolefin resin; and

a printing sheet lamination step in which a printing layer included the printing sheet is provided on a substrate included a biodegradable resin or polyolefin resin by laminating the printing sheet with a substrate sheet included a biodegradable resin or polyolefin resin.

9. A manufacturing method of an optical disk according to claim 7, further comprising the steps of:

a protective film lamination step is possessed in which a protective layer included a protective film is provided on the recording layer by laminating the protective film onto the recording layer.

10. A manufacturing method of an optical disk according to claim 8, further comprising the steps of:

a protective film lamination step is possessed in which a protective layer included a protective film is provided on the recording layer by laminating the protective film onto the recording layer.

11. A manufacturing method of an optical disk according to any of claims 7 through 10 , further comprising the steps of:

a release layer formation step is possessed in which a release layer is formed on at least one side of the substrate sheet in advance.

12. A manufacturing method of an optical disk according to any of claims 7 through 10, wherein each sheet is produced in the form of a wound roll, and each of these sheets is laminated in the form of wound rolls.

13. A manufacturing method of an optical disk according to claim 8, wherein the printing sheet fabrication step has a step in which mutually different variable information imparted to each optical disk produced is printed on the printing base material.